FOR UTILITY/DESIGN CIP/PCT NATIONAL/PLANT ORIGINAL/SUBSTITUTE/SUPPLEMENTAL DECLARATIONS

OPTICAL LITHOGRAPHY

RULE 63 (37 C.F.R. 1.63) DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED CONTINUOUS DIRECT-WRITE

PW FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed

the specification of which (CHECK applicable BOX(ES)) A. I is attached hereto. BOX(ES) B. X was filed on as U.S. Application No. August 21, 2003 C. was filed as PCT International Application No. PCT/ and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's Application with designated at least one other boding within the state of the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application: PRIOR FOREIGN APPLICATION(S) **Date first Laid-Date Patented** Day/MONTH/Year Filed open or Published **Priority NOT Claimed** Number Country or Granted If more prior foreign applications, X box at bottom and continue on attached page. Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) **Priority NOT Claimed Status** Day/MONTH/Year Filed Application No. (series code/serial no.) pending, abandoned, patented 24, August 2002 60/406.030 Pending I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint David Jaffer, Pillsbury Winthrop LLP, 2550 Hanover Street, Palo Alto, CA 94304-1115, telephone number (650) 233-4510 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary. George M. Sirilla 18,221 Mark G. Paulson 30,793 William P. Atkins 38.821 Richard Steinberg 26.588 Jeffrey W. Guise Richard H. Zaitlen 27,248 James E. Eakin 27,874 Paul L. Sharer 36,004 34,613 Bryan P. Collins Roger R. Wise 35,030 Dale S. Lazar 28.872 43,560 Robin L. Teskin David H. Jaffer 32 243 John R. Wetherell Glenn J. Perry 28,458 31,204 F.T. Alexandra Mahaney 37,688 31,678 Thomas A. Cawley, Jr. 40,944 Jack S. Barufka 37,087 Robert J. Walters 40,862 Craig J. Bristol 40,245 Brian J. Beatus 38,825 Jeffrey D. Karceski 35,914 David A. Jakopin 32,995 Adam R. Hess 41,835 Kim, Chang H. Davoudian, Keyvan Danielson, Mark 40.580 42,727 James R. Menker 41,717 47,520 Dennison, Caroline D. Barrett, Glenn T. 38,705 34,494 Baeza, Guillermo Hilliard, Thomas P. 40,330 35.056 Fagin, Kenneth M. 37,615 Daley, Henry J. 42,459 Vicki G. Norton 40.745 Jonathan E. Jobe 28,429 Hartman, Kerry T. 41,818 McCarthy, Christine H. 41,844 Darling, John P. 44,482 Robert C.F. Perez 39,328 Steven Moore 35,959 Suzanne L. Biggs Ross L. Franks 47.233 30.158 Fric Hemandez 47.641 (1) INVENTOR'S SIGNATURE: Date: William Daniel Meisburger First Middle Initial Family Name Residence San Jose CA USA State/Foreign Country Country of Citizenship 1507 Montalban Drive Mailing Address (include Zip Code) 95120 (2) INVENTOR'S SIGNATURE: Date: First Middle Initial Family Name Residence State/Foreign Country City Country of Citizenship Mailing Address (include Zip Code) "X" box \square FOR ADDITIONAL INVENTORS, and proceed on the attached page to list each additional inventor. See additional foreign priorities on attached page (incorporated herein by reference). Atty. Dkt. No. 56684-0305340 (M#)

Rule 56(a) & (b) = 37 C.F.R. 1.56(a) & (b) PATENT AND TRADEMARK CASES - RULES OF PRACTICE DUTY OF DISCLOSURE

(a) ...Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the [Patent and Trademark] Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability...(b) information is material to patentability when it is not cumulative and (1) It also establishes by itself, or in combination with other information, a prima facie case of unpatentability of a claim or (2) refutes, or is inconsistent with, a position the applicant takes in: (i) Opposing an argument of unpatentability relied on by the Office, or (ii) Asserting an argument of patentability

PATENT LAWS 35 U.S.C.

§102. Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless--

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
- (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months* before the filing of the application in the United States, or
- (e) the invention was described in
 - (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or
 - (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a); or
- (f) he did not himself invent the subject matter sought to be patented, or
- (g) (1) during the course of an interference conducted under section 135 or section 291, another inventor involved therein establishes, to the extent permitted in section 104, that before such person's invention thereof the invention was made by such other inventor and not abandoned, suppressed, or concealed, or
 - before such person's invention thereof, the invention was made in this country by another inventor who had not abandoned, suppressed, or concealed it. In determining priority of invention under this subsection there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

§103. Condition for patentability; non-obvious subject matter

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made. . . .
- (c) Subject matter developed by another person, which qualified as prior art only under one or more of subsections (e), (f) and (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

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^{*} Six months for Design Applications (35 U.S.C. 172).